

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460



United States
Environmental Protection
Agency

Office of Pesticide Programs

MEMORANDUM

3/23/2020

SUBJECT: Product Chemistry Review for **Sparkling Citrus Fabuloso Complete Multi-Purpose Cleaner** EPA Reg. No.: **4582-TU**

FROM: Bruce A Averill *Bruce A. Averill*
Chemistry and Toxicology Team
Product Science Branch
Antimicrobials Division (7510P)

THRU: Karen P. Hicks, Team Leader *KPH* 03/23/2020
Chemistry and Toxicology Team
Product Science Branch
Antimicrobials Division (7510P)

TO: Jacqueline Hardy, PM Team 34 / Lorena Rivas
Regulatory Management Branch II
Antimicrobials Division (7510P)

Registrant: Colgate-
Palmolive Company
Action code: A540
Agency Due Date:
4/13/2020
DP No.: 455117
Submission No.: 1042257
E-Sub No.: 43811
Classification: EP
Process: Nonintegrated
system
Pesticide type:
Antimicrobial

MRID(s): 50951401, 50951402, 50951403, 50951404, 50951405

Formulation from label			
PC code(s)	CAS #(s)	Active Ingredient(s)	% weight
128929	79-33-4	L-Lactic acid	2.00
		Other Ingredients	98.00
		Total	100%

I. BACKGROUND

On behalf of the Registrant, Colgate-Palmolive Company, Lewis & Harrison has submitted an application for pesticide registration for their product: Sparkling Citrus Fabuloso Complete Multi-Purpose Cleaner EPA Reg. No. 4582-TU.

II. RELEVANT DOCUMENTS

	RECEIVED	N/A
EPA FORM 8570-27 – Formulator’s Exemption Statement	<input checked="" type="checkbox"/>	<input type="checkbox"/>
EPA FORM 8570-35 – Data Matrix (10/18/2019)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cover letter (10/18/2019)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Transmittal document	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Proposed CSF BASIC, (10/18/2018)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Proposed label, (10/18/2019)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Certification for Pilot Fragrance Notification Program	<input type="checkbox"/>	<input checked="" type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>
REFERENCED: CSF	--	
Comments:		

III. FINDINGS

a. Product Formulation:

	TGAI	MUP	EUP	Food use	Non-food use
Non-integrated	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Integrated	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Active Ingredients(s)	Nominal		Upper limit	Lower limit	
L-Lactic acid	2.00		2.10	1.90	
	YES		NO	N/A	
1. The certified limits of all ingredients are within 40 CFR standard certified limits.	<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	
2. Wider certified limits were requested and rationale was accepted.	<input type="checkbox"/>		<input type="checkbox"/>	X	
3. The nominal concentration(s) of the active ingredient is in agreement with the label.	<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	
4. The chemical IDs and analytical information for density, pH, and flammability are consistent with Series 830 Group B data.	<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	
5. All inert ingredients are approved for non-food use pesticide formulations.	<input checked="" type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	

6. The impurities present >0.1% are identified.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7. Impurities of toxicological significance have an upper certified limit.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

b. Product Label:

	Yes	NO	N/A
<i>The formula contains one of the following:</i>			
1. 10% or more of petroleum distillate	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. 1.0% or more of methyl alcohol	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Sodium nitrite at any level	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. A toxic list 1 inert at any level	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Arsenic in any form	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. If yes to 1-5, then the inert ingredient list contains a relevant footnote	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
7. Appropriate warning statements regarding flammability or explosive characteristics of the product are included on the label	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. The storage and disposal instructions for the pesticide container are in compliance with PR Notice 84-1 for household use products or PR Notice 83-3 for all other uses.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. The product requires an expiration date at which time the nominal concentration falls below the lower certified limit.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

IV. Additional Findings

The CSF for the basic formulation (dated 10/18/2018) is acceptable. The certified limits for all ingredients agree with 40 CFR §158.350. All ingredients have been cleared for use in pesticide formulations. Percentages on label match composition of product.

V. Conclusion

The registrant has satisfied the CSF requirements for registration of a new basic formulation of EPA Reg. No. **4582-TU**. All of the Series 830 Group A/B guidelines have been addressed or are waived.

VI. Table A:**Series 830 guidelines – Group A**

OPPTS#	Name	Status	MRID
830.1550	Product Identity & Composition	Acceptable	50951401
830.1600	Description of materials	Acceptable	50951401
830.1620	Description of production process	Waived	N/A
830.1650	Description of formulation process	Acceptable	50951401
830.1670	Discussion of formation of impurities	Waived	N/A
830.1700	Preliminary analysis	Waived	N/A
830.1750	Certified limits	Acceptable	50951401
830.1800	Enforcement analytical method	Acceptable	50951402
830.1900	Submittal of samples	Acceptable	To be provided upon request

VII. Table B: Series 830 guidelines – Group B

OPPTS#	Name	Study Findings/Comment	Status	MRID
830.6302	Color	Not required for end use product	Waived	N/A
830.6303	Physical state	liquid	Acceptable	50951403
830.6304	Odor	Not required for end use product	Waived	N/A
830.6313	Stability to normal & elevated temperatures, metals & metal ions	The product is not TGA	Waived	N/A
830.6314	Oxidation/Reduction	No oxidizer/reducer present	Waived	50951405
830.6315	Flammability	Flashpoint > 210F	Acceptable	50951404
830.6316	Explosibility	Product does not contain explosive ingredients	Waived	N/A
830.6317	Storage stability	The study is in progress	In progress	N/A
830.6319	Miscibility	Product not mixed with organic solvents	Waived	N/A
830.6320	Corrosion characteristics	The study is in progress	In progress	N/A
830.6321	Dielectric breakdown voltage	Product not used near electrical equipment	Waived	N/A
830.7000	pH	2.76-2.79	Acceptable	50951404
830.7050	UV/Visible absorption	Not required for MUP or EP	Waived	N/A
830.7100	Viscosity	60-70.8 cps	Acceptable	50951403
830.7200	Melting point	Not required for MUP or EP	Waived	N/A
830.7220	Boiling point	Not required for MUP or EP	Waived	N/A
830.7300	Density/relative	8.52 lbs/gal	Acceptable	50951403
830.7370	Dissociation constants in water	Not required for MUP or EP	Waived	N/A
830.7520	Particle size	Not required for MUP or EP	Waived	N/A
830.7550/ 7560/ 7570	Partition coefficient	Not required for MUP or EP	Waived	N/A
830.7840/ 7860	Water solubility	Not required for MUP or EP	Waived	N/A

830.7950	Vapor pressure	Not required for MUP or EP	Waived	N/A
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